

# **Exhibit 7**



# HBM2E

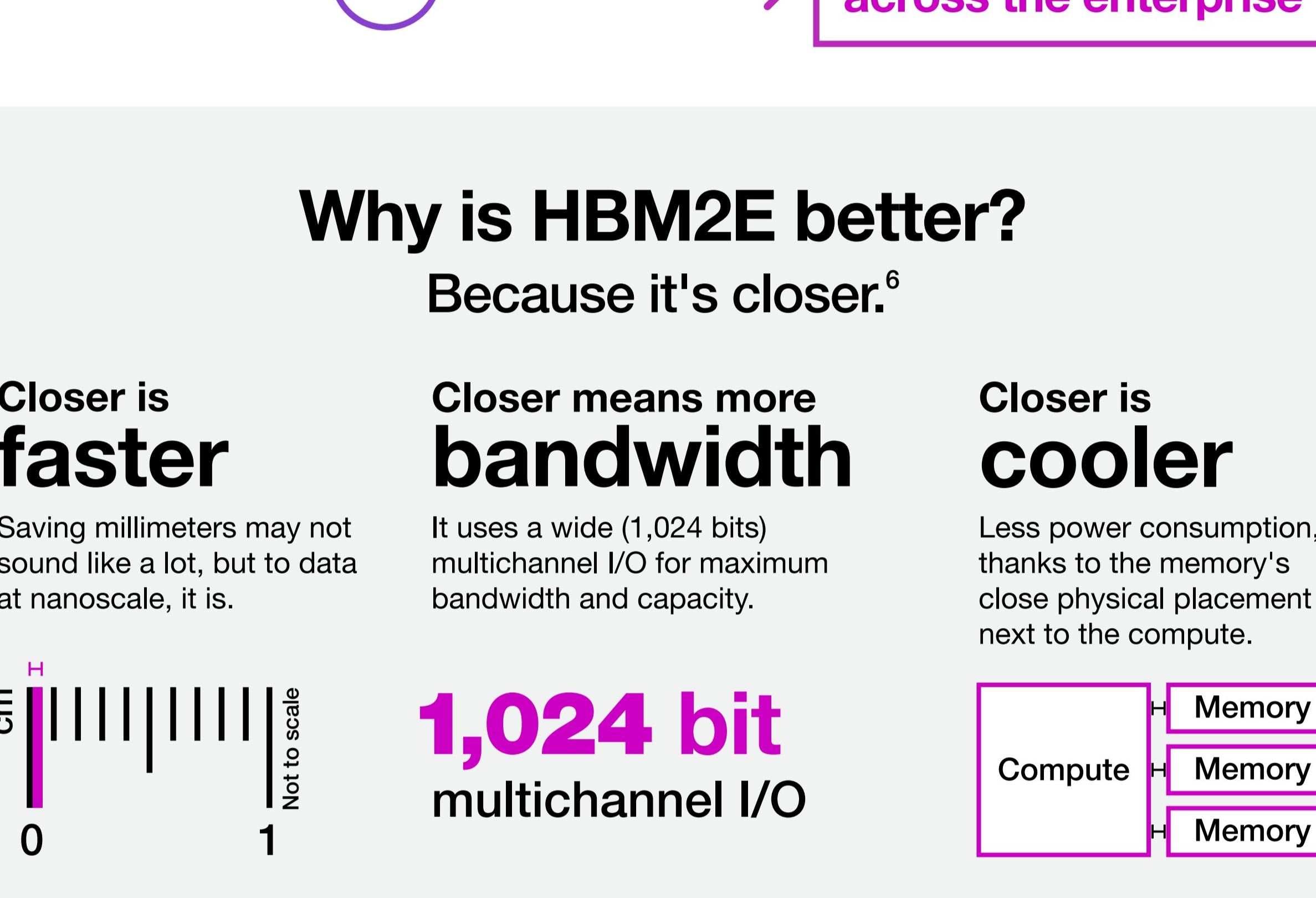
## The Leader in High Bandwidth

Modern data centers are using artificial intelligence (AI) and high-performance computing (HPC) environments to solve today's most pressing challenges. But for AI and HPC to operate at their peak, each must be fed massive amounts of data — quickly, efficiently and continuously.

High Bandwidth Memory (HBM) offers ultra-wide bandwidth and scalable density<sup>1</sup> with low power consumption to do just that. At the forefront is HBM2E, the fastest memory on the planet and the flagship of Micron's complete Ultra-Bandwidth Solutions portfolio.

### AI transforms data into actionable intelligence

Driving the need for High Bandwidth Memory



### Why is HBM2E better?

Because it's closer.<sup>6</sup>

#### Closer is faster

Saving millimeters may not sound like a lot, but to data at nanoscale, it is.



#### Closer means more bandwidth

It uses a wide (1,024 bits) multichannel I/O for maximum bandwidth and capacity.

**1,024 bit**  
multichannel I/O

#### Closer is cooler

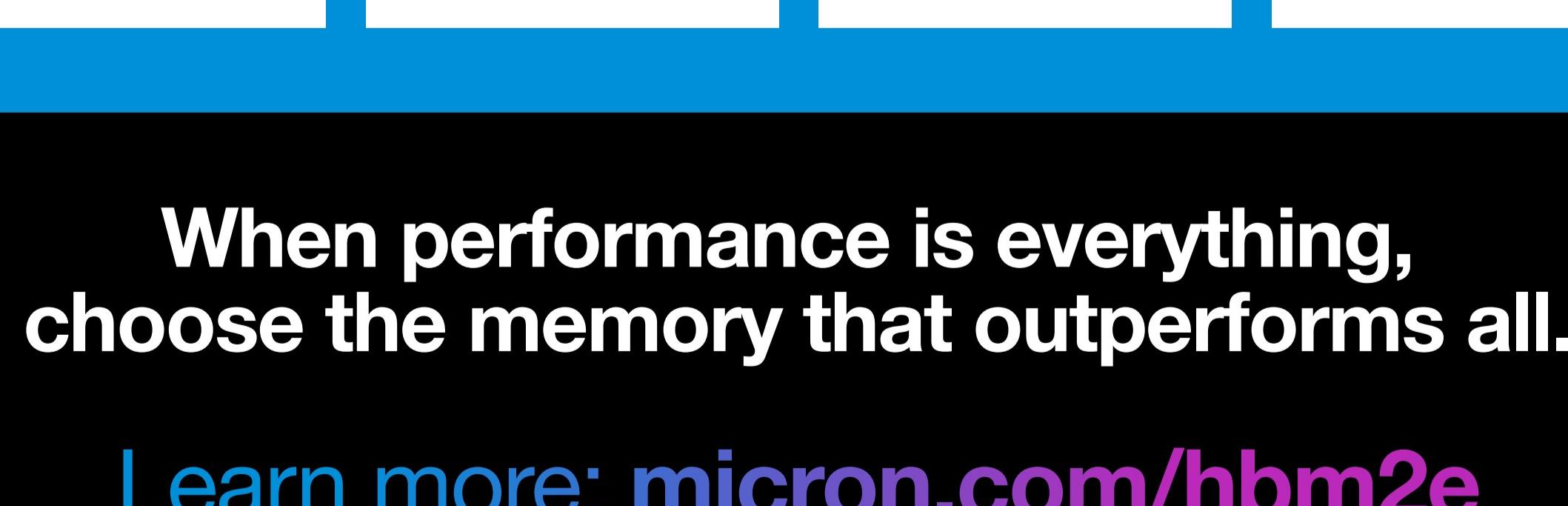
Less power consumption, thanks to the memory's close physical placement next to the compute.



### How does HBM2E performance stack up?<sup>7</sup>



\*for estimated peak workloads in super compute bandwidth scenarios



### Why Micron for High Bandwidth Memory

The industry's most complete high performance memory portfolio

1

and only company in the world to offer a complete portfolio of Ultra-Bandwidth Solutions

20+

years of innovation in stacked DRAM technology

40+

years of memory manufacturing expertise and leadership

1000+

patents in memory stacking and advanced packaging solutions

**When performance is everything, choose the memory that outperforms all.**

Learn more: [micron.com/hbm2e](http://micron.com/hbm2e)

#### Sources

<sup>1</sup> Table at <https://www.micron.com/products/ultra-bandwidth-solutions>  
<https://www.micron.com/products/ultra-bandwidth-solutions/gddr6x>  
<https://www.micron.com/products/ultra-bandwidth-solutions/hbm2e>

<sup>2</sup> IDC, "Global DataSphere 2021," [https://www.idc.com/getdoc.jsp?containerId=IDC\\_P38353](https://www.idc.com/getdoc.jsp?containerId=IDC_P38353)

<sup>3</sup> SeedScientific, "How Much Data Is Created Every Day?," <https://www.visualcapitalist.com/how-much-data-is-generated-each-day>

<sup>4</sup> Gartner, "Top 10 Data and Analytics Technology Trends for 2020," <https://www.gartner.com/en/newsroom/press-releases/2020-06-22-gartner-identifies-top-10-data-and-analytics-technolo>

<sup>5</sup> IDC, "IDC FutureScape: Worldwide IT Industry 2020 Predictions," <https://www.idc.com/research/viewdoc.jsp?containerId=US45599219>

<sup>6</sup> [Micron HBM2E: Performance Is Everything - YouTube](#)

<sup>7</sup> <http://www.micron.com/products/ultra-bandwidth-solutions>. Comparisons in table based on JEDEC standards and product definitions.